

Patents Recently Issued to IBM Inventors

February and March 1967

February 1967

Method and Apparatus for Drying of Moisture-Setting Inks . . .	R. H. Holmwood and H. J. Huth.	3,302,296
Lubrication of Print Wires.	V. R. Simpson	3,302,557
Means to Prevent Excessive Frictional Loading in a Wire Printer	R. D. Nelson.	3,302,562
Keyboard Encoder with Plural and Different Sets of Code Members	J. E. Hickerson.	3,302,764
Character Selection for Single Element Printing Mechanism Employing Cam Pairs.	J. E. Hickerson and H. R. Kruspe.	3,302,765
Random Access Film Strip Storage System Utilizing Pneumatic Selection and Mechanism Transport Means	R. K. Wilmer.	3,302,829
Stacking Device for Cards or the Like.	G. H. May.	3,302,948
Semiconductor Compound Crystals.	D. M. Compton, V. J. Lyons and P. J. McDade.	3,302,998
Ternary Semiconductor Compounds and Method of Preparation	L. Suchow	3,303,005
Formation of Diazo Couplers in Situ	C. M. Aebi and L. A. Teuscher.	3,303,028
Method for Making Liquid-Filled Porous Plastics and Products Methods of Improving Electrical Characteristics of Semiconductor Devices and Products So Produced	P. Chebiniak and R. T. Wiley.	3,303,046
Method of Fabricating Thin Film Transistor Devices	D. R. Kerr and D. R. Young.	3,303,059
Process for Cathodically Sputtering Magnetic Thin Films . . .	R. R. Haering, M. G. Miksic and W. B. Pennebaker.	3,303,067
Process for Cathodically Sputtering a Ferro-Magnetic Thin Film of a Nickel-Iron-Molybdenum Alloy	L. I. Maissel, B. L. Flur and B. I. Bertelsen.	3,303,116
Liquid-Filled Porous Plastic Structures and Methods for Making Them	B. L. Flur	3,303,117
Mark Sensing System.	P. Chebiniak	3,303,146
Semiconductor Switching Circuits.	R. J. Fritz	3,303,329
Polymeric Film Field-Sensitive Devices	G. W. Neff and H. S. Yourke.	3,303,350
Terminals for Microminiaturized Devices and Methods of Connecting Same to Circuit Panels	P. White.	3,303,357
Glasses for Encapsulating Semiconductor Devices and Resultant Devices.	I. M. Hymes, R. P. Sopher and P. A. Totta.	3,303,393
Asynchronous Data System Transmitting Before Each Data Pulse a Pulse of Opposite Polarity	H. M. Hoogendoorn and S. Merrin	3,303,399
Cryogenic Hall-Effect Semimetal Electronic Element.	E. Hopner and D. H. Rumble	3,303,424
Coupled Semiconductor Injection Laser Devices	L. Esaki	3,303,427
Error Detection and Correction Apparatus for Character Readers	A. B. Fowler	3,303,431
Character Recognition Apparatus Employing a Curve Follower.	A. Hamburgien	3,303,463
Adaptive Logic Circuits.	P. Essinger and E. C. Greanias	3,303,465
Control System.	G. L. Clapper.	3,303,473
Input/Output Control.	H. Hellerman and K. E. Iverson.	3,303,475
Information Coupling Arrangement for Cryogenic Systems. . .	J. T. Moyer and F. R. Rausch	3,303,476
Variable Speed Printer Apparatus and Type Carrier Device Therefor	E. S. Schlig.	3,303,478
Document Sorting Apparatus	G. A. Giannuzzi	3,303,775
Cut Card Continuous Forms.	B. J. Greenblott, D. R. McCormick, J. M. Scalone and W. J. Wheeler	3,304,080
Voice-Data Multiplexing System for Transmitting Data During Pauses in the Voice Signals	R. A. Bensler, Sr. and R. W. Mitchell	3,304,103
Buffer Position Sensing and Reel Motor Control for a Magnetic Tape Transport	R. F. Filipowsky and C. Prisekin	3,304,372
Fundamental Frequency Detection System.	J. F. Wells and L. H. Thompson	3,304,477
Magnetic Holding and Aligning Device	W. D. Pricer	3,304,505
Random Access Magnetic Memory Unit Housing.	R. E. Marrs and D. W. Brede.	3,304,527
Electroless Plating of Magnetic Material and Magnetic Memory Element.	D. D. Johnson, V. M. Lieskovsky and W. E. Tibbetts	3,304,544
Pressure Sensitive Transfer Sheet	A. F. Schmeckenbecher	3,305,327
Method of Making a Capacitor with a Multilayered Ferroelectric Dielectric	M. T. Orinik	3,305,382
Method for Making Printed Circuits	H. D. Kaiser and A. H. Mones.	3,305,394
Optical Data Processing Device.	G. J. Kahan and J. L. Mees	3,305,416
	G. J. Fan	3,305,669

Error Correcting Redundant Logic Circuitry	G. Constantine, Jr.	3,305,830
Optical System Utilizing Fraunhofer Diffraction Patterns for Specimen Identification Purposes.	L. Cooper and R. W. Kern.	3,305,834
Adaptive Memory Device	G. L. Clapper.	3,305,847
Duplex Data Transfer Operations Between Cyclic Storage Devices	J. R. Featherston	3,307,151

March 1967

Method for Providing Multiple Contact Terminations on an Insulator	J. T. Gulliksen, F. J. Bolda, H. J. Hallstead and A. E. Oldaker.	3,307,246
Printing Apparatus with Type Wheel Disconnected from Selection Means During Return to Home Position	J. E. Hickerson.	3,307,676
Arm Positioned Type Head	E. H. Frank, E. L. Libby and T. N. Watkins	3,307,677
Document Synchronizing and Indexing Control Apparatus.	T. H. Anderson.	3,307,845
Light Modulator	A. W. Lohmann.	3,307,897
Formation of Diazo Couplers in Situ	C. M. Aebi and L. A. Teuscher.	3,307,952
Diaphragm Switch Having a Diaphragm Supported on an Incompressible Layer and an Elastomer Overlaying the Diaphragm	M. Krakinowski.	3,308,253
Remote Terminal.	G. D. Panagiotou and N. J. Woodland.	3,308,276
Serial Cryogenic Binary Multiplier System.	R. I. Roth and H. Fleisher.	3,308,282
Qui-Binary Adder and Readout Latch.	H. R. Grubb	3,308,284
Trace Distortion Correction	B. L. Bryson	3,308,334
Semimetal PN Junction Devices	L. Esaki	3,308,351
Silicon Carbide Semiconductor Device.	R. F. Rutz.	3,308,356
Lasers.	P. P. Sorokin.	3,308,395
Distortion Correction Circuitry for Data Transmission Systems. Thermoplastic Recording System.	E. Hopner, H. L. Funk and D. L. Critchlow	3,308,431
Web Record Members.	C. H. Ting.	3,308,444
High Speed Electro-Optical Semiconductor Display Apparatus. Fabrication of Cermet Film Resistors to Close Tolerances	C. L. Blackley and H. E. Thompson.	3,308,451
	A. E. Michel and E. J. Walker	3,308,452
	R. L. Bullard, R. A. Hasbrouck, P. S. Schlemmer and R. E. Thun.	3,308,528
Transducer for Spectrum Analysis Applicable to Closed Loop Control	R. H. Kay	3,308,712
Print Impression Control for Specially Configured Type Elements	A. A. Dowd	3,308,749
Pseudo-Interlock Employing Strobe Signal with Selected Keys. Ventilated and Sound Proofed Enclosure for Printer.	R. L. James	3,308,918
Automatic Tray Handler.	J. M. Cunningham	3,308,919
	T. J. Cochran, N. J. Donato, D. K. Elrick and W. W. Ficker.	3,308,977
Electro-Optical High Speed Adjustable Focusing Zone Plate. Imprinting Apparatus.	K. M. Kosanke and W. W. Kulcke.	3,309,162
Web Tensioning Device	F. C. Pexton	3,309,987
Expand Device for Proportional Escapement Typewriters	J. B. Little	3,310,062
Phase Differential Compensation Circuit.	K. A. Lennon.	3,310,148
Character Assembly and Distribution Apparatus	G. J. Thaler and F. J. Sordello	3,310,732
	C. H. Gilley, J. R. Kersey, R. M. Tomasulo and F. M. Trapnell, Jr..	3,310,780
Data Compression/Expansion and Compressed Data Processing Keyboard Sequence Discriminator	R. G. Rinaldi and B. B. Moore.	3,310,786
Article Loading Assembly	J. O. Schaefer.	3,311,211
Magnetic Tape Transport Machine	K. Clark and F. L. DeTurris	3,311,215
	H. A. Larson, F. A. Schultz, L. H. Thompson and J. F. Wells	3,311,280
Cell Storage and Pneumatic Transport System	H. G. Hoehmann	3,311,321
Voice-Data Multiplexing System for Transmitting Data During Pauses in the Voice Signals.	R. F. Filipowsky, C. Priekin and F. S. Davidson.	3,311,704
Accumulative Multiplier.	L. W. Aiken and A. Schiff	3,311,739
Precision Regulated Power Supply	J. Y. Robertson.	3,311,815
Digital Transducer with Condition Responsive Shock Excited Resonant Circuit.	J. W. Beck.	3,311,842
Error Checking System for Binary Parallel Communications	C. M. Melas	3,311,878
Error Checking System for Variable-Length Data.	P. R. Daher	3,311,879
File Memory System with Key-to-Address Transformation Apparatus.	S. Muroga	3,311,887
Method and Apparatus for Addressing a Memory	M. Hanan, F. P. Palermo, N. Raver and G. Schay.	3,311,888
Recirculating Memory Device with Gated Inputs.	R. L. Brady and B. R. Gandler.	3,311,891
Adaptive Logic System with Artificial Weighting of Output Signals for Enhanced Learning.	G. L. Clapper.	3,311,895
Data Shifting Apparatus.	J. W. Delmege, Jr. and R. W. Pulver, Jr..	3,311,896
Neuristor Associative Memory.	F. L. Post	3,311,897